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Arun VENKATARAMANI, Phoebe WEIDMANN, and Mike DAHLIN, Bandwidth Constrained Placement in a WAN, 2001. 2R Alec WOLMAN, Geoffrey M. VOELKER, Nitin SHARM, Neal CARDWELL, Anna KARLIN, and Henry M. LEVY, On the Scale and Performance of Cooperative Web Proxy Caching, Proceedings of the 17th ACM Symposium on Operating Systems Principles, Kiawah Island, SC, pages 16-31, ACM Press, New York, NY, 1999. EXAMINER

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OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)
Samy MAHMOUD and J. S. RIORDON, Optimal Allocation of Resources in Distributed Information Networks, ACM Transactions on Database Systems, Volume 1, Number 1, pages 66-78, ACM Press, New York, NY, March 1976.
5R Mark S. DASKIN and Susan H. OWEN, Partial Covering P-Center and Partial Covering Set Covering
Models, Presentation, International Symposium on Location Decisions (ISOLDE VIII), Portugal, June, 23-29, 1999.
(Models, Tresentation, International Symposium on Location Decisions (ISOLDE VIII), Portugal,
June, 23-29, 1999. Susan Hesse OWEN and Mark S. DASKIN, Strategic Facility Location: A Review, Volume 111, Issue 3, pages 423-447, European Journal of Operational Research, Elsevier Science B.V.,

Sheet 6 of 7

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My	6R	pages 46-62, (AIRE, Facility Local Chapter 3 and Page ast-Anglia, Norwic	es 175.	timization and Coope 184, Bibliography, S 998.	rative Games, Ph.D. chool of Information	Thesis, Systems,	-
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OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

HUI	1Q	Vazirani, V.V., Approximation Algorithms, Springer-Verlag, New York, NY, Corrected Second Printing, Published on September 18, 2002, per telephone discussion with publisher.
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EXAMIN	ER CU	ne R. Golden 12/1/05